

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

The invention relates to an intelligent laminated pressure surface. The inventive surface ~~consists of~~comprises: an elastic sheet ~~which is designed to measure a determined external pressure and which is provided with numerous~~comprising a plurality of holes, ~~said the~~ holes extending from the surface to the base thereof; and two sheets having inner conductive faces which ~~essentially substantially~~ cover ~~both respective~~ sides of ~~said the~~ holes. ~~According to the invention,~~In one embodiment, the aforementioned pressure establishes a contact between the conductive faces ~~facing one another~~ through the holes, thereby closing an electrical or optical conductor circuit. The invention can be used to locate determined pressures, evaluate the frequencies and intervals thereof and measure a pressure level or several pressure levels if more than one of the above-mentioned groups of sheets are disposed back-to-back. Moreover, the invention comprises an integrated conductor circuit and an antenna which alerts the user by ~~means of~~ an alarm or ~~read~~ reading device. The invention is particularly suitable for medical applications, such as in the prevention of diabetes foot, decubitus ulcers, etc.

Attachment